

CONTROL FOR AN INDUSTRIAL PROCESS USING ONE OR MORE MULTIDIMENSIONAL VARIABLES

ABSTRACT

5 A system for monitoring an industrial process and taking action based on the
results of process monitoring. Actions taken may include process control, paging, voicemail,
and input for e-enterprise systems. The system includes an input module for receiving a
plurality of parameters from a process for manufacture of a substance or object. The system
also includes a library module. The library module includes a plurality of computer aided
10 processes. Any one of the computer aided processes is capable of using each of the plurality
of parameters to compare at least two of the plurality of parameters against a training set of
parameters. The training set of parameters is generally predetermined. The computer aided
process is also capable of determining if the at least two of the plurality of parameters are
within a predetermined range of the training set of parameters. Additionally, the system
includes an output module for outputting a result based upon the training set and the plurality
of parameters.

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